aiwa

COMPACT DISC STEREO RADIO CASSETTE RECORDER

CSD-EL33

OPERATING INSTRUCTIONS

En
(English)

8Z-CH2-908-01
990428AYK-H-6

EZ

COMPACT disc DIGITAL AUDIO

WARNING

TO REDUCE THE RISK OF FIRE OR ELECTRIC SHOCK, DO NOT EXPOSE THIS APPLIANCE TO RAIN OR MOISTURE.

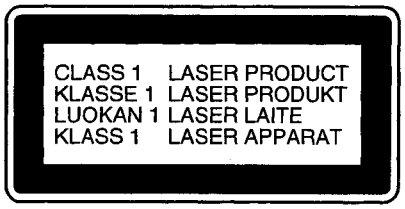
CAUTION

TO REDUCE THE RISK OF ELECTRIC SHOCK, DO NOT REMOVE COVER (OR BACK).
NO USER-SERVICEABLE PARTS INSIDE. REFER SERVICING TO QUALIFIED SERVICE PERSONNEL.

CAUTION

Use of controls or adjustments or performance of procedures other than those specified herein may result in hazardous radiation exposure.

This compact disc player is classified as a CLASS 1 LASER product. The CLASS 1 LASER PRODUCT label is located on the exterior.



CAUTION!

Invisible laser radiation when open and interlocks defeated. Avoid exposure to beam.

ADVARSEL!

Usynlig laserstråling ved åbning, når sikkerhedsafbrydereer ude af funktion. Undgå udsættelse for stråling.

VAROITUS!

Laitteen käyttäminen muulla kuin tässä käyttöohjeessa mainitulla tavalla saattaa antistaa käyttäjän turvallisuusluokan 1 ylittävälle näkymättömälle lasersäteilylle.

VARNING!

Om apparaten används på annat sätt än i denna bruksanvisning specificerats, kan användaren utsätta för osynlig laser-strålning, som överskrider gränsen för laserklass 1.

OBSERVERA

Så länge som apparaten är ansluten till nätet flyter en svag ström genom densamma, även då den är avstängd. Om man under en längre tid ej har för avsikt att använda den, drag då ur nätkabeln.

BEMÆRK

Apparatet er stadig forbundet med lysnettet, så længe stikket er tilsluttet til stikkontakten, selv om afbryteren er slået fra. Hvis apparatet ikke bruges i længere tid, skal netledningen trækkes ud.

PRECAUTIONS

Read the Operating Instructions carefully and completely before operating the unit. Be sure to keep the Operating Instructions for future reference. All warnings and cautions in the Operating Instructions and on the unit should be strictly followed, as well as the safety suggestions below.

Installation

1 **Water and moisture** - Do not use this unit near water, such as near a bathtub, washbowl, kitchen sink, laundry tub, in a wet basement, swimming pool, or the like.
2 **Heat** - Do not use this unit near sources of heat, including heating vents, stoves, or other appliances that generate heat.
It also should not be placed in temperatures less than 5°C or greater than 35°C.
3 **Mounting surface** - Place the unit on a flat, even surface.
4 **Ventilation** - The unit should be situated with adequate space around it so that proper heat ventilation is assured. Allow 10 cm clearance from the rear and the top of the unit and 5 cm from each side.
- Do not place the unit on a bed, rug, or similar surface that may block the ventilation openings.
- Do not install the unit in a bookcase, cabinet, or airtight rack where ventilation may be impeded.
5 **Objects and liquid entry** - Take care that objects or liquids do not get inside the unit through the ventilation openings.
6 **Carts and stands** - When placed or mounted on a stand or cart, the unit should be moved with care.
Quick stops, excessive force, and uneven surfaces may cause the unit or cart to overturn or fall.
7 **Condensation** - Moisture may form on the CD pickup lens when:
- The unit is moved from a cold spot to a warm spot
- The heating system has just been turned on
- The unit is used in a very humid room
- The unit is cooled by an air conditioner
When this unit has condensation inside, it may not function normally. Should this occur, leave the unit for a few hours, then try to operate again.
8 **Wall or ceiling mounting** - The unit should not be mounted on a wall or ceiling, unless specified in the Operating Instructions.

Electric Power

1 **Power sources** - Use on batteries or AC house current, as specified in the Operating Instructions and marked on the unit.
2 **AC power cord**
- When disconnecting the AC power cord, pull it out by the AC power plug. Do not pull the cord itself.
- Never handle the AC power plug with wet hands, as this could result in fire or shock.
- Power cords should be firmly secured to avoid being bent, pinched, or walked upon. Pay particular attention to the cord from the unit to the power socket.
- Avoid overloading AC power plugs and extension cords beyond their capacity, as this could result in fire or shock.
3 **When not in use** - Unplug the AC power cord from the AC power socket or remove all the batteries if the unit will not be used for several months or more. When the cord is plugged in, a small amount of current continues to flow to the unit, even when the power is turned off.

Maintenance
Clean the unit only as recommended in the Operating Instructions.

Damage Requiring Service
Have the units serviced by a qualified service technician if:
- The AC power cord or plug has been damaged
- Foreign objects or liquid have got inside the unit
- The unit has been exposed to rain or water
- The unit does not seem to operate normally
- The unit exhibits a marked change in performance
- The unit has been dropped, or the cabinet has been damaged

DO NOT ATTEMPT TO SERVICE THE UNIT YOURSELF.

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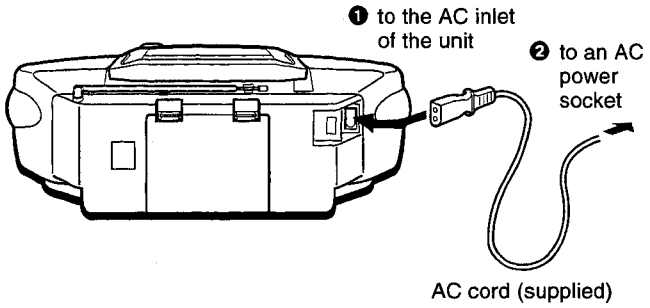
POWER SUPPLY

USING ON AC HOUSE CURRENT

Connect the AC cord as illustrated below.

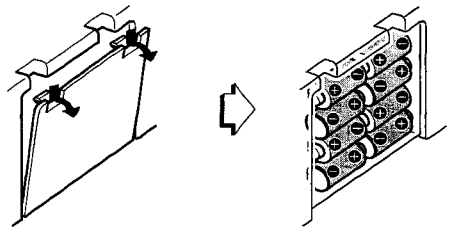


CAUTION

Use only the supplied AC cord. Use with other cords may result in the risk of fire.

USING ON BATTERIES

Open the lid of the battery compartment on the rear and insert eight R14 (size C) batteries, not supplied, as illustrated below. Then close the lid.
To switch from AC power supply to battery power supply, disconnect the AC cord from the AC inlet.



The batteries need to be replaced when:
The OPE/BATT indicator becomes dim, the tape speed slows down, volume decreases, or sound is distorted during operation.

Notes on batteries
To avoid damage from leakage or explosion, observe the following:
- Insert the batteries with the ⊕ and ⊖ marks correctly aligned.
- Do not mix different types of batteries or old batteries with new ones.
- Never recharge the batteries, apply heat to them or take them apart.
- Remove dead batteries.

If liquid leaks from the batteries, wipe thoroughly to remove.

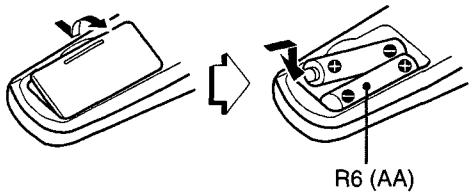
NOTE

If power is interrupted for more than 12 hours, all settings stored in memory, such as the clock, the timer, and the presetting of the broadcasting stations, are cleared and need to be set again.

REMOTE CONTROL

INSERTING BATTERIES

Detach the battery cover on the rear of the remote control and insert two R6 (size AA) batteries.

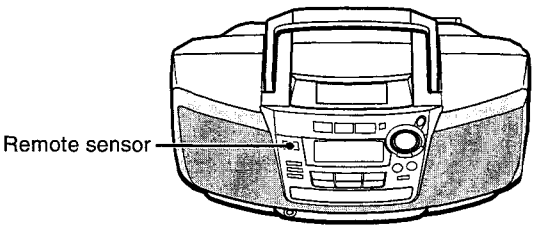


When to replace the batteries
The maximum operational distance between the remote control and the remote sensor on the main unit should be approximately 5 meters. When this distance decreases, replace the batteries with new ones.

USING THE REMOTE CONTROL

Some operations can be performed using the buttons on the remote control only, or those on the main unit only, while others can be performed using the buttons on the main unit as well as the remote control. This instructions manual clearly describes the buttons available for each operation.

To use the buttons
Point the remote control at the remote sensor on the main unit to use the buttons on the remote control.

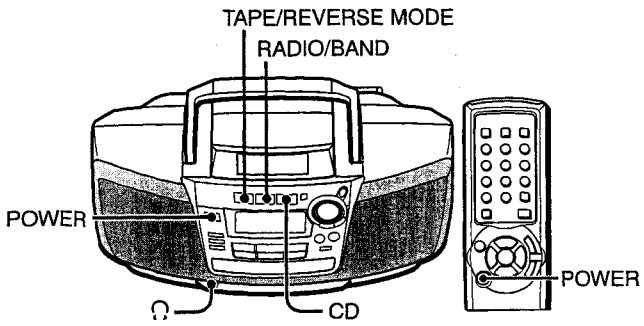


To use the FUNCTION button
The FUNCTION button substitutes for the function buttons (TAPE, RADIO/BAND, CD) on the main unit. Each time the FUNCTION button is pressed while the power is on, the next function is selected cyclically in the following order:

NOTE

- If the unit is not going to be used for an extended period of time, remove the batteries to prevent possible electrolyte leakage.
- The remote control may not operate correctly when:
  – The line of sight between the remote control and the unit is exposed to intense light, such as direct sunlight
  – Other remote controls are used nearby (television, etc.)
- The ► button on the remote control has the same function as that of the ◄► button on the main unit.

BEFORE OPERATION



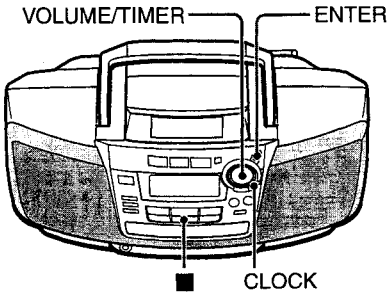
To turn the unit on
Press one of the FUNCTION buttons (TAPE/REVERSE MODE, RADIO/BAND, CD).
Playback of the inserted disc or tape begins, or the previously tuned station is received (Direct Play Function).
The POWER button is also available.

After use
Press the POWER button to turn off the power. The display changes to the clock.

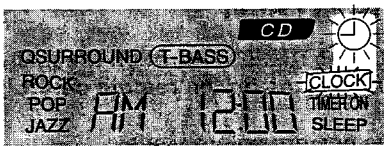
NOTE
When using on the batteries, you cannot turn the power on with the remote control.

To use the headphones
Connect headphones with a stereo mini plug (ø3.5 mm) to the ∩ (headphones) jack.
No sound is output from the speakers while the headphones are plugged in.

SETTING THE CLOCK



1 Press the CLOCK button.
◴ flashes.



(12-hour standard)

2 Turn the VOLUME/TIMER control to adjust the clock.
For quick adjustment, turn the control quickly.
You can also press the ◄◄ or ►► button. Holding these buttons down will vary the time in 20-minute units.

3 Press the ENTER button to complete the setting.
◴ on the display disappears and the clock starts from 00 seconds.

To display the current time
Press the CLOCK button.
To return to the operation display, press the CLOCK button or one of the function buttons.

To switch to the 12/24-hour standard
While the clock is displayed, press the ■ button.

If the clock display flashes while the power is off
This is caused by a power interruption. The current time needs to be reset.
If power is interrupted for more than approximately 12 hours, all settings stored in memory after purchase need to be reset.

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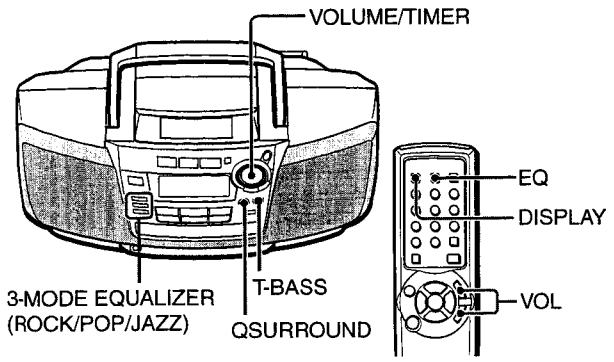
ADJUSTING THE SOUND



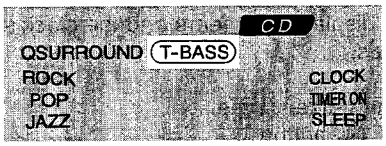
VOLUME CONTROL

Turn the VOLUME/TIMER control on the main unit or press the VOL buttons on the remote control.

To display the current volume level
Press the DISPLAY button on the remote control.
The volume level is displayed for 4 seconds.

SUPER T-BASS SYSTEM

The T-BASS system enhances the realism of low-frequency sound.
Press the T-BASS button.



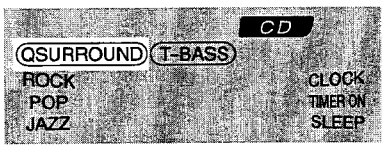
To cancel, press the button again.

NOTE

Low frequency sound may be distorted when the T-BASS system is used for a disc or tape in which low frequency sound is originally emphasized. In this case, cancel the T-BASS system.

Q SURROUND SYSTEM

The Q SURROUND system built into this unit uses only two speakers at the left and right to create an atmosphere that sounds as if you are surrounded by two front speakers and two rear speakers.
Press the QSURROUND button.



To cancel, press the button again.

NOTE

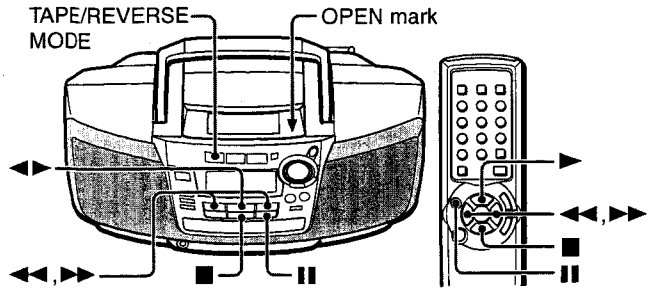
- The Q SURROUND system does not work in monaural mode.
- At higher volumes, turning Q SURROUND on may cause sound distortion. In this case, turn the volume down.

EQUALIZER MODE

Press one of the 3-MODE EQUALIZER buttons; ROCK, POP or JAZZ to activate the desired equalizer mode.
To cancel, press the button again.
When using the remote control, press the EQ button repeatedly to select the desired equalizer mode or no equalization.

ROCK: Powerful sound emphasizing treble and bass
POP: More presence in the vocals and midrange
JAZZ: Accented lower frequencies for jazz-type music

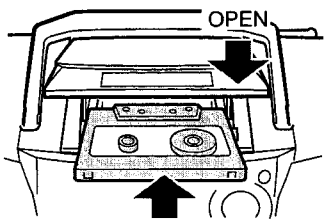
TAPE OPERATIONS



INSERTING A TAPE

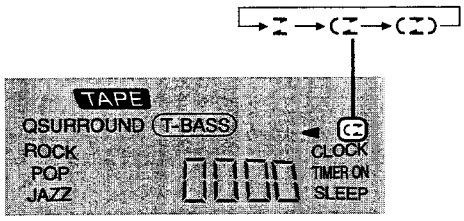
Use Type I (normal) tapes only.

Press the TAPE/REVERSE MODE button and press the OPEN mark to open the cassette holder.



Insert a tape with the exposed side facing forward. Push the cassette holder to close.

To select a reverse mode
Each time the TAPE/REVERSE MODE button is pressed, the reverse mode changes.

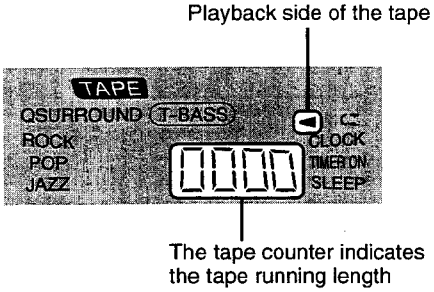


To play one side only, select ⇉.
To play from front side to back side once only, select ⇉.
To play both sides repeatedly, select ⇄.

PLAYING BACK A TAPE

Insert a tape.

Press the ◄► button (or the ► button on the remote control) to start play.



◄: The side facing upward is being played (forward).
►: The opposite side is being played (reverse).

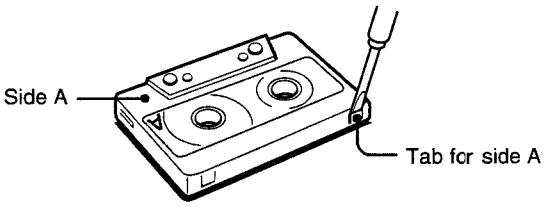
To stop play, press the ■ button.
To pause play, press the II button. To resume play, press again.
To change the playback side, press the ◄► button in play mode.
To fast forward or rewind, press the ◄◄ or ►► button in stop mode. Then press the ■ button to stop the tape.

To start play when the power is off (Direct Play Function)
Press the TAPE/REVERSE MODE button. The power is turned on and play of the inserted tape begins.

To set the tape counter to 0000
Press the ■ button in stop mode.
The counter is also set to 0000 when the cassette holder is opened.

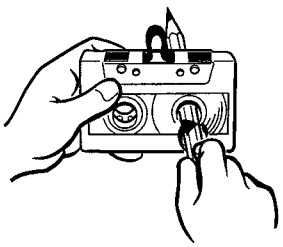
About cassette tapes

- **To prevent accidental erasure,** break off the plastic tabs on the cassette tape with a screwdriver or other pointed tool after recording.



To record on the tape again, cover the tab openings with adhesive tape, etc.

- **120-minute or longer tapes** are extremely thin and easily deformed or damaged. They are not recommended.
- **Take up any slack** in the tape with a pencil or similar tool before use. Slack tape may break or jam in the mechanism.



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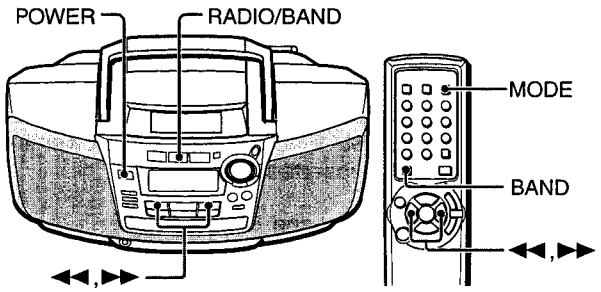
MANUAL TUNING

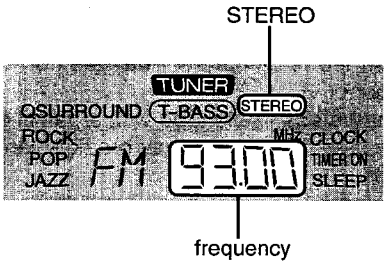


1 Press the RADIO/BAND button repeatedly to select the desired band.

FM → MW → LW

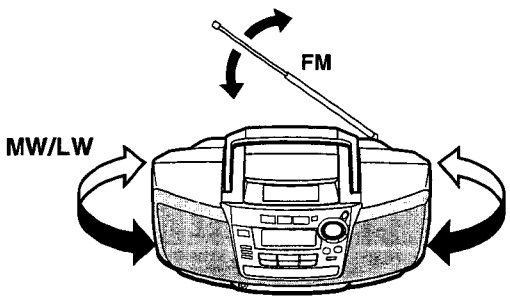
If the power is turned off, the previously tuned station will be played (Direct Play Function).
When using the remote control, press the BAND button repeatedly while the power is on.

2 Press the ◀◀ or ▶▶ button to select a station.
Each time the button is pressed, the frequency changes.
During FM stereo reception, "STEREO" is displayed.

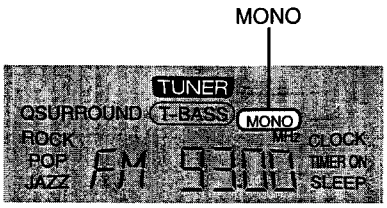


To search for a station quickly (Auto Search)
Keep the ◀◀ or ▶▶ button pressed until the radio starts searching for a station. After tuning in to a station, the search stops.
To stop the Auto Search manually, press the ◀◀ or ▶▶ button.
- The Auto Search may not stop at stations with very weak signals.

For better reception
FM
Extend the FM antenna and orient it for the best reception.
MW/LW
The MW/LW antenna is inside the unit. Position the unit for the best reception.



When an FM stereo broadcast contains noise
Press the MODE button on the remote control.
MONO appears on the display.
Noise is reduced, although reception is monaural.



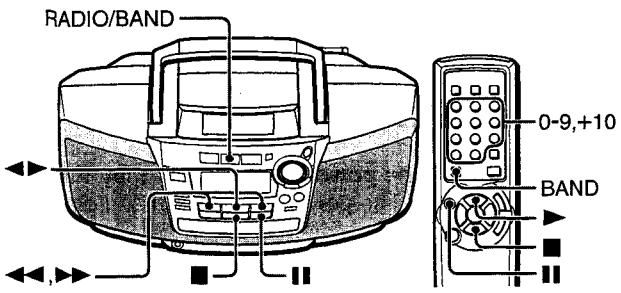
To restore stereo reception, repeat the above again.

To change the MW tuning interval
The default setting of the MW tuning interval is 9 kHz/step. If you use this unit in an area where the frequency allocation system is 10 kHz/step, change the tuning interval.
Press the POWER button while pressing the RADIO/BAND button.
To reset the interval, repeat this procedure.

NOTE

When the MW tuning interval is changed, all preset stations (see "PRESETTING STATIONS") are cleared. The preset stations have to be set again.

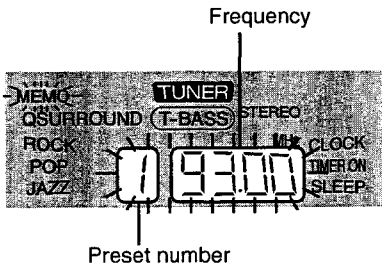
PRESETTING STATIONS



You can preset up to 15 stations in each band. When a station is stored, a preset number is assigned to the station. Use the preset number to tune in to a preset station directly.

1 Press the RADIO/BAND button on the main unit or the BAND button on the remote control to select a band. Then, press the ◄◄ or ►► button to select a station.

2 Press the II button to store the station.
A station is assigned a preset number, beginning from 1 in consecutive order for each band.



3 Repeat steps 1 and 2.

PRESET NUMBER TUNING

Use the remote control to select the preset number directly.

1 Press the RADIO/BAND button on the main unit or the BAND button on the remote control to select a band.

2 Press the numbered buttons to select a preset number.
Example:
To select preset number 15, press the +10 and 5 buttons.
To select preset number 10, press the +10 and 0 buttons.

Another method to select a preset number
Press the RADIO/BAND button to select a band. Then, press the ◄► button (or the ► button) repeatedly.
Each time the button is pressed, the next ascending number is selected.

To clear a preset station
Select the preset station to be cleared. Then, press the ■ button, and press the II button within 4 seconds.
The preset numbers of all other stations in the band with higher numbers are also decreased by one.

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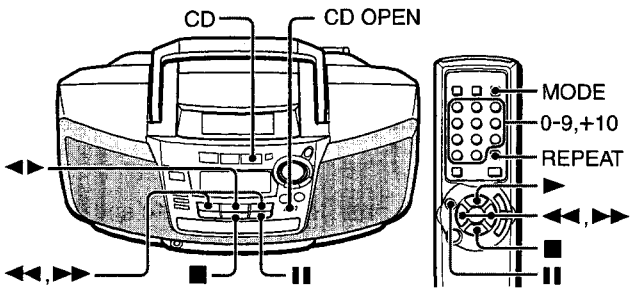
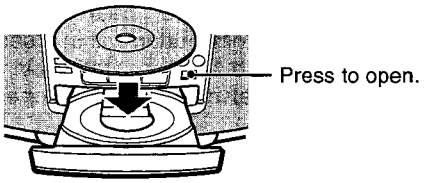
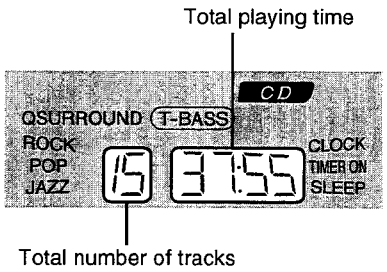
CD OPERATIONS



LOADING A DISC

Press the CD button, press the CD OPEN button to open the disc compartment, and load a disc with a label side up. Then press the CD OPEN button again to close the disc compartment.



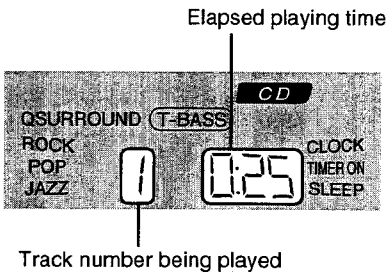


PLAYING A DISC

Load a disc.

Press the ◄► button (or the ► button on the remote control).

Play begins with the first track.



To stop play, press the ■ button.
To pause play, press the II button. To resume play, press again.
To search for a particular point during playback, keep the ◄◄ or ►► button pressed and release the button at the desired point.
To skip to the beginning of a track during playback, press the ◄◄ or ►► button repeatedly.
To remove the disc, press the CD OPEN button.

To start play when the power is off (Direct Play Function)
Press the CD button. The power is turned on and play of the loaded disc begins.
To replace the disc before play, press the CD OPEN button to open the disc compartment.

Selecting a track with the remote control
Press the numbered buttons and the +10 button to select a track.
Example:
To select the 25th track, press the +10, +10 and 5 buttons.
To select the 10th track, press the +10 and 0 buttons.
The selected track starts to play and play continues to the end of that disc.

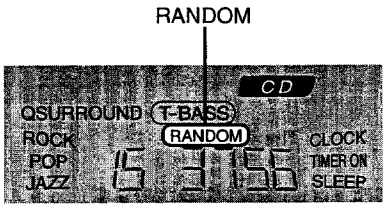
NOTE

- Do not use irregular shape CDs (example: heart-shaped, octagonal ones).
  It may result in malfunctions.
- When loading an 8-cm (3-inch) disc, put it onto the inner circle of the tray.
- Do not place more than one compact disc on the disc tray.

RANDOM PLAY

All the tracks on the disc can be played randomly.

1 Press the MODE button on the remote control repeatedly until RANDOM lights up on the display..



2 Press the ◄► button to start play.

To cancel the random play
Press the MODE button twice in stop mode. RANDOM disappears and the normal display appears.

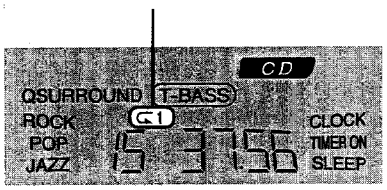
NOTE

- Even if the ◄◄ button is pressed, a previously played track cannot be skipped. The unit returns to the beginning of the current track only.
- During random play, one-track repeat (↻ 1) cannot be performed.
- If you select tracks with the numbered buttons, random play is cancelled.

REPEAT PLAY

One track or all the tracks can be played repeatedly.
Press the REPEAT button repeatedly on the remote control.
Each time it is pressed, the play mode can be selected cyclically.

↓
Only the current track is repeated. (↻ 1 is displayed.)
↓
All the tracks are repeated. (↻ is displayed.)
↓
The repeat play is cancelled. (↻ disappears.)

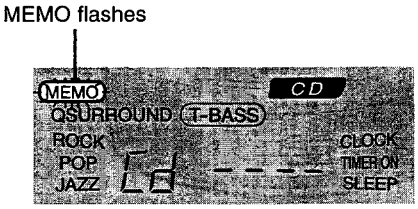


To repeat random play
First press the MODE button to activate random play. Then press the REPEAT button so that ↻ lights up on the display.

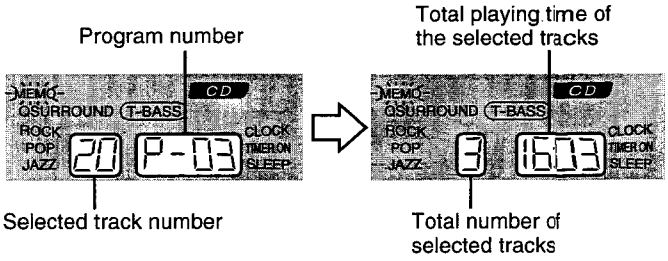
PROGRAMMED PLAY

Up to 30 tracks can be programmed from the inserted disc. Use the remote control.

1 Press the MODE button on the remote control repeatedly until MEMO flashes on the display.



2 Press the numbered buttons and the +10 button to program a track.
Example:
To select the 12th track, press the +10 and 2 buttons.
To select the 20th track, press the +10, +10 and 0 buttons.



3 Repeat step 2 to program other tracks.

4 Press the ► button to start play.

To check the program
Each time the ►► button is pressed in stop mode, a track number and program number will be displayed.

To clear the program
Press the ■ button in stop mode.
Removing the CD from the unit will also clear the program.

To add tracks to the program
Before playing, repeat step 2. The new track will be programmed after the last track.

To change the programmed tracks
Clear the program and repeat all the steps.

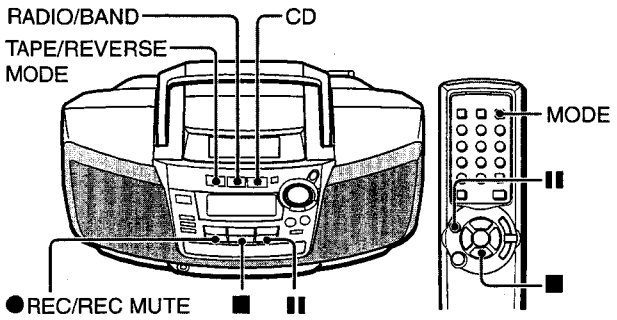
NOTE

- If the total playing time of selected tracks exceeds 99 minutes and 59 seconds, or if a track number 31 or higher is selected, the total playing time of the selected tracks will be represented by --:--. Although the total playing time cannot be seen, the tracks are memorized.
- During programmed play, the random play cannot be selected.

En

RECORDING

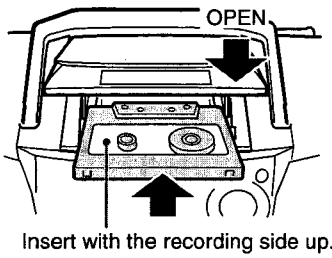
This section explains how to record from the radio or CD player.



Preparation
- Set the tape to the point where recording will start.
- Use Type I (normal) tapes only.

1 Insert the tape to be recorded.

Insert the tape with the side to be recorded on facing up and the exposed side facing forward.



Insert with the recording side up.

2 Press the TAPE/REVERSE MODE button to select the reverse mode.

To record on one side only, select ⇄.
To record on both sides, select ⇄ or ⇄.
If the recording starts from the reverse side, recording will be done on this side only even if ⇄ or ⇄ is selected.

3 Press one of the function buttons and prepare the source to be recorded.

To record from a CD, press the CD button and load the disc, then press the ◀◀ or ▶▶ button to select the track to be recorded first.
To record from a radio broadcast, press the RADIO/BAND button and tune in to a station.

4 Press the ● REC/REC MUTE button to start recording.

REC on the display flashes.
When the selected function is CD, playback and recording start simultaneously.

To stop recording, press the ■ button.
To pause recording, press the II button. (Applicable when the source is RADIO.) To resume recording, press again.

To record only the selected tracks
Select the tracks in the same procedure for programmed play (page 11), then start recording.

NOTE

If squealing or beating sounds occur when recording an MW or LW broadcast, press the MODE button on the remote control, so as to eliminate the noise.
Each time the button is pressed, the dot light on the display is turned on and off.

The dot light

INSERTING BLANK SPACES

When recording from a radio broadcast, 4-second blank spaces can be inserted at the desired point. This helps you locate the desired portion on the tape when it is played back later on another cassette deck, etc., having music sensor function.

NOTE

Blank spaces cannot freely be inserted when recording from a CD or tape.

1 **Press the ● REC/REC MUTE button during recording or while in recording pause mode.**
The flashing REC on the display becomes quicker and the tape runs without recording (blank spaces are inserted).

After 4 seconds, the tape pauses (recording pause mode).

To make blank spaces less than 4 seconds, press the ● REC/REC MUTE button again while REC flashes quickly.
To make blank spaces more than 4 seconds, press the ● REC/REC MUTE button again after the deck enters the recording pause mode. Each time it is pressed, a 4-second blank space is added.

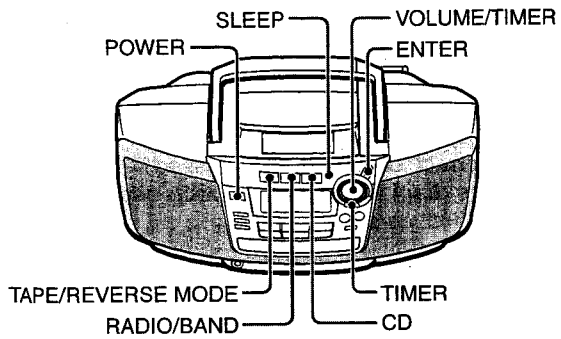
2 **Press the II button to resume recording.**

To erase a recording
1 Press the TAPE/REVERSE MODE button and insert the tape to be erased.
2 Set the tape to the point where the erasure is to be started.
3 Press the ● REC/REC MUTE button to start the erasure.

Sound adjustment during recording
The output volume and tone of the speakers or headphones may be freely varied without affecting the level of the recording.

TIMER PLAY/TIMER RECORDING

The unit can be turned on at a specified time every day with the built-in timer.



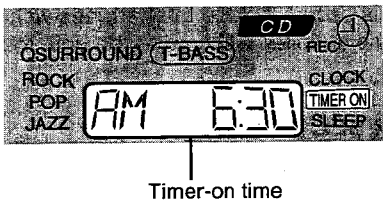
Preparation
Make sure the clock is set correctly.

1 Press the TIMER button once for timer play so that ⏲ flashes.

Press the TIMER button twice for timer recording so that ⏲ and REC flash.

2 Turn the VOLUME/TIMER control to adjust the timer-on time.

3 Press the ENTER button to designate the timer-on time.



Timer-on time

4 Prepare the source.
To listen to a CD, press the CD button and load the disc.
To listen to a tape, press the TAPE/REVERSE MODE button and insert the tape.
To listen to the radio, press the RADIO/BAND button and tune in to a station.
To record from a radio broadcast, press the RADIO/BAND button and tune in to a station, and insert the tape to be recorded on.

5 Turn the VOLUME/TIMER control to set the volume.

6 Press the POWER button to turn the unit off.
When the timer-on time is reached, the unit turns on and play begins with the selected source.
The unit will turn off automatically after 180 minutes.

NOTE

- Timer play and timer recording will not begin unless the power is turned off. If you used the unit after setting the timer, prepare the source, adjust the volume and tone, then turn off the power.
- Timer recording from a CD is not possible.

To check the timer-on time
For timer play, press the TIMER button once. For timer recording, press the TIMER button twice. The timer-on time is displayed.
After checking the time, press the ENTER button to restore the display.

To cancel timer standby mode
Press the TIMER button repeatedly so that ⏲ or ⏲REC disappears on the display.
To restore the timer standby mode, press again to display ⏲ or ⏲REC.

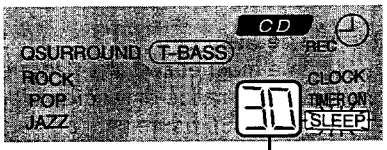
To reset the timer
Set the timer again from the beginning.

SETTING THE SLEEP TIMER

The unit can be turned off automatically at a specified time.

1 Press the SLEEP button.

2 Within 4 seconds, press the SLEEP button repeatedly to select the time until the power is turned off.
Each time it is pressed, the time changes between 30 and 180 minutes as follows.



→30→60→90→120→150→180→OFF(off)

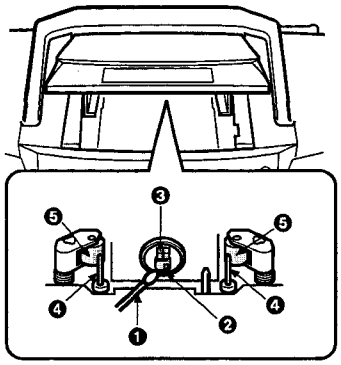
To check the time remaining until the power is turned off
Press the SLEEP button once.
The remaining time is displayed for 4 seconds.

CARE AND MAINTENANCE

Occasional care and maintenance of the unit and the software are needed to optimize the performance of your unit.

To clean the cabinet
Use a soft and dry cloth.
If the surfaces are extremely dirty, use a soft cloth lightly moistened with mild detergent solution. Do not use strong solvents, such as alcohol, benzine or thinner as these could damage the finish of the unit.

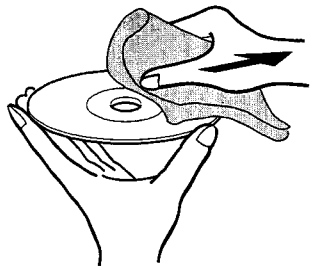
To clean the heads and tape paths
After every 10 hours of use, clean the heads and tape paths with a head cleaning cassette or cotton swab moistened with cleaning fluid or denatured alcohol. (These cleaning kits are commercially available.)
When cleaning with a cotton swab ❶, wipe the heads ❷ and ❸, capstans ❹, and pinchrollers ❺.



After cleaning the heads and tape paths with a liquid head cleaning cassette or a moistened swab, wait until the cleaned parts are completely dry before inserting the tapes.

To demagnetize the heads
The heads may become magnetized after long-term use. This may narrow the output range of recorded tapes and increase noise. After 20 to 30 hours use, demagnetize the heads with any commercially available demagnetizer.

Care of discs
- When a disc becomes dirty, wipe the disc from the centre out with a cleaning cloth.



- After playing a disc, store the disc in its case. Do not leave the disc in places that are hot or humid.

Care of tapes
- Store tapes in their cases after use.
- Do not leave tapes near magnets, motors, television sets, or any source of magnetism. This will downgrade the sound quality and cause noise.
- Do not expose tapes to direct sunlight, or leave them in a car parked in direct sunlight.

TROUBLESHOOTING GUIDE

If the unit fails to perform as described in these Operating Instructions, check the following guide.

GENERAL

There is no sound.
- Is the AC cord connected properly?
- If you intend to use the unit on batteries, are the batteries correctly inserted?
- Was an incorrect function button pressed?

An erroneous display or a malfunction occurs.
→ Reset the unit as stated below.

TUNER SECTION

The reception contains noise interferences or the sound is distorted.
- Is the unit picking up external noise or multipath distortion?
  → Change the orientation of the antenna or the unit.
  → Move the unit away from other electrical appliances.

CASSETTE DECK SECTION

The tape does not run.
- Is the deck in pause mode? (→ page 7)

The sound is off-balance or not adequately high.
- Is the playback head dirty? (→ page 14)

Recording is not possible.
- Is the erasure prevention tab on the tape broken off? (→ page 7)
- Is the recording head dirty? (→ page 14)

Erasure is not possible.
- Is the erasure head dirty? (→ page 14)
- Is a metal tape or CrO_2 tape being used?

High frequency sound is not emitted.
- Is the recording/playback head dirty? (→ page 14)

The tape is not removed.
→ If you try to use the unit when the batteries are depleted, the tape may stop during play or recording and the cassette holder will not open.
Should this occur, replace the batteries with new ones or connect the supplied AC cord to the unit, then remove the tape.

CD PLAYER SECTION

The CD player does not play.
- Is the disc correctly inserted? (→ page 10)
- Is the disc dirty? (→ page 14)
- Is the lens affected by condensation?
  → Wait approximately one hour and try again.

To reset
If an unusual condition occurs in the display window or the cassette deck, reset the unit as follows.
1 Press the POWER button to turn off the power.
2 Press the POWER button to turn the power back on while pressing the ■ button. Everything stored in memory after purchase is cancelled.

If the power cannot be turned off in step 1 because of a malfunction, reset by disconnecting the AC cord and remove all the batteries, and then repeat step 2.

SPECIFICATIONS

FM tuner section

Tuning range	87.5 MHz to 108 MHz
Antenna	Rod antenna

MW tuner section

Tuning range	531 kHz to 1602 kHz (9 kHz step) 530 kHz to 1710 kHz (10 kHz step)
Antenna	Ferrite bar antenna

LW tuner section

Tuning range	153 kHz to 288 kHz
Antenna	Ferrite bar antenna

Cassette deck section

Track format	4 tracks, 2 channels stereo
Frequency response	Normal tape: 50 Hz – 12500 Hz
Recording system	AC bias
Heads	Recording/playback head × 1, Erasure head × 1

Compact disc player section

Laser	Semiconductor laser (λ = 780 nm)
D-A converter	1 bit dual

General

Speakers	100 mm cone type × 2
Power output	5 W + 5 W (DIN MUSIC POWER) 4.5 W + 4.5 W (10% T.H.D./3.2 Ω DC) 3.3 W + 3.3 W (DIN 1% Rated Power)
Output	PHONES (stereo minijack)
Power requirements	12 V DC using eight size C (R14) batteries 230 V AC, 50 Hz
Power consumption	22 W
Dimensions of main unit (W × H × D)	445 × 168 × 237 mm
Weight of main unit	4.1 kg not including batteries
Accessories	AC cord (1) Remote control (1)

- Specifications and external appearance are subject to change without notice.
- Specifications, trade mark, model name and double square symbol ⧈ are marked on the bottom of the unit.

COPYRIGHT

Please check the laws on copyright relating to recordings from discs, radio or external tapes for the country in which the machine is being used.

NOTE

AIWA CO. LTD. - JAPAN - DECLARES UNDER ITS OWN RESPONSIBILITY THAT THE PRODUCT DESCRIBED IN THIS MANUAL IS IN COMPLIANCE WITH THE DIRECTIVES OF D.M 28.8.95 No. 548, ACCORDING TO THE STIPULATIONS OF PARAGRAPH 3 OF ATTACHMENT A OF D.M. 25.6.85 AND PARAGRAPH 3 OF ATTACHMENT 1 OF D.M. 27.8.87 (REGULATIONS REGARDING FREQUENCIES).

The above information is only for Italy.

En

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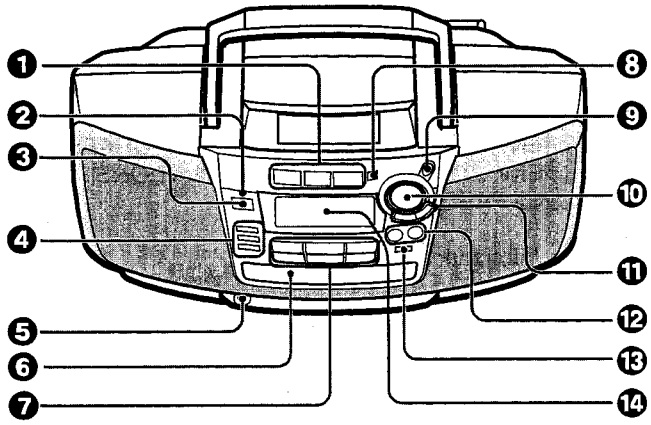

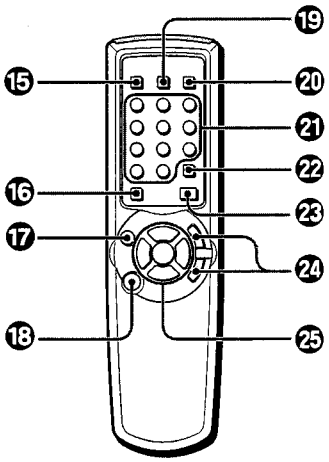

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❸ POWER (5, 13)
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㉕ ◄◄/►► SKIP/SEARCH (7, 8, 9, 10)
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